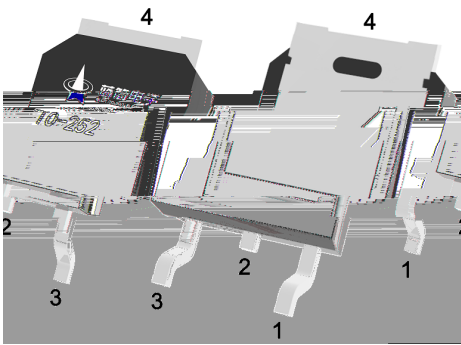
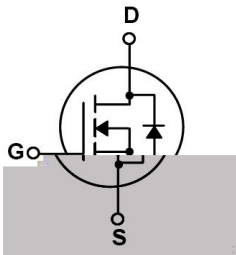


BRD4N50F

Ω Ω



/ Marking

/ Absolute Maximum Ratings(Ta=25)

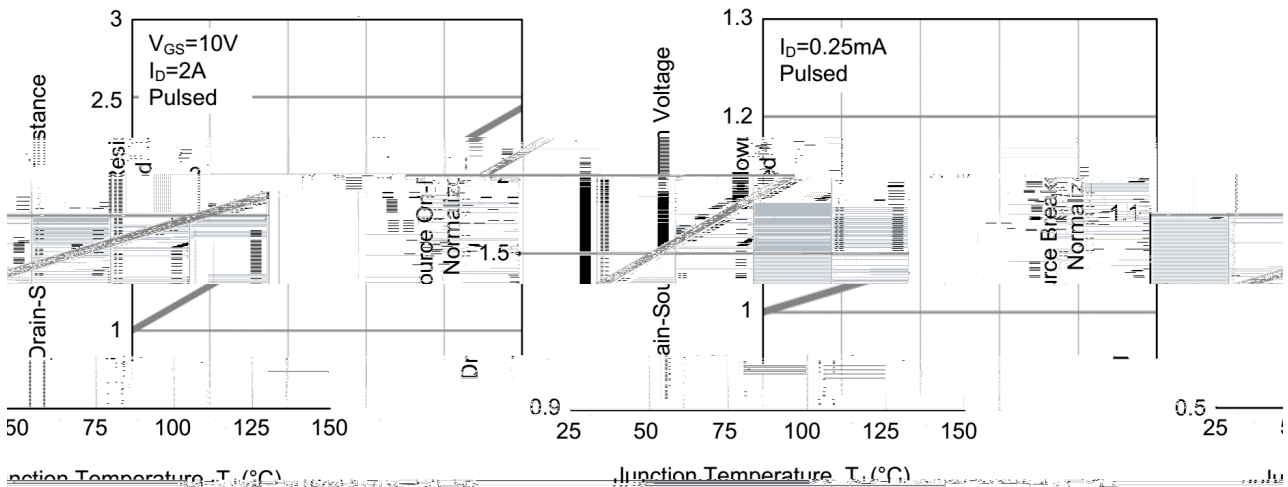
/ Electrical Characteristics(Ta=25)

		μ				
						μ
		μ				
						Ω

/ Electrical Characteristics(Ta=25)

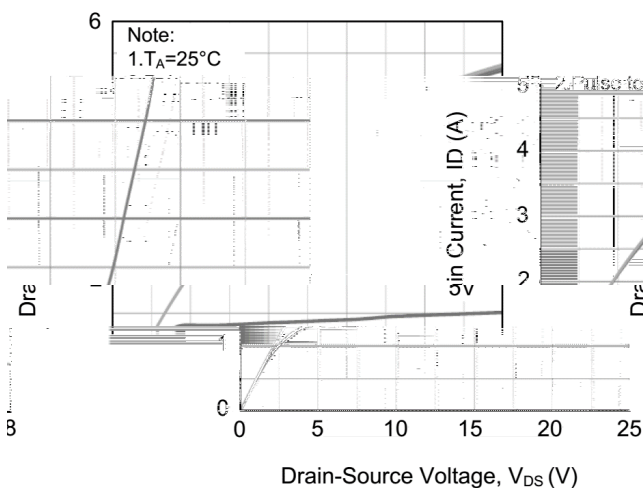
		Ω				
		μ				

/ Electrical Characteristic Curve

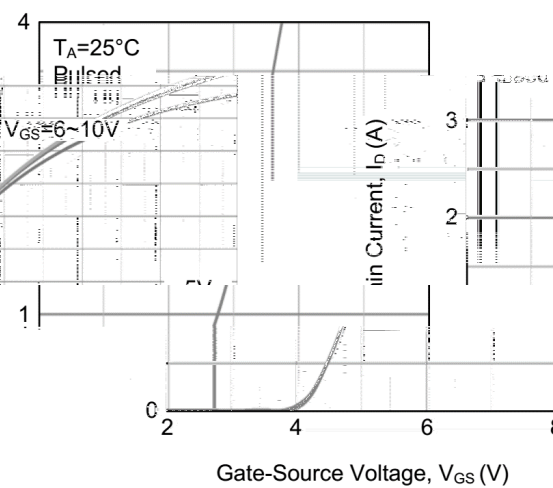


1. Drain-Source On-Resistance vs. Junction Temperature

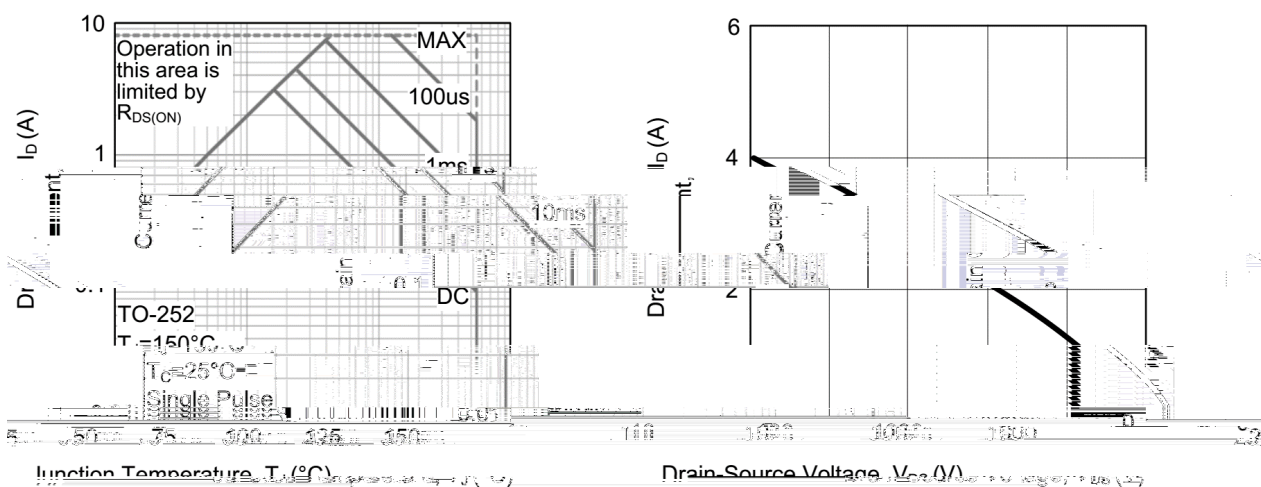
2. Drain-Source Voltage vs. Junction Temperature



3. Drain Current vs. Drain-Source Voltage



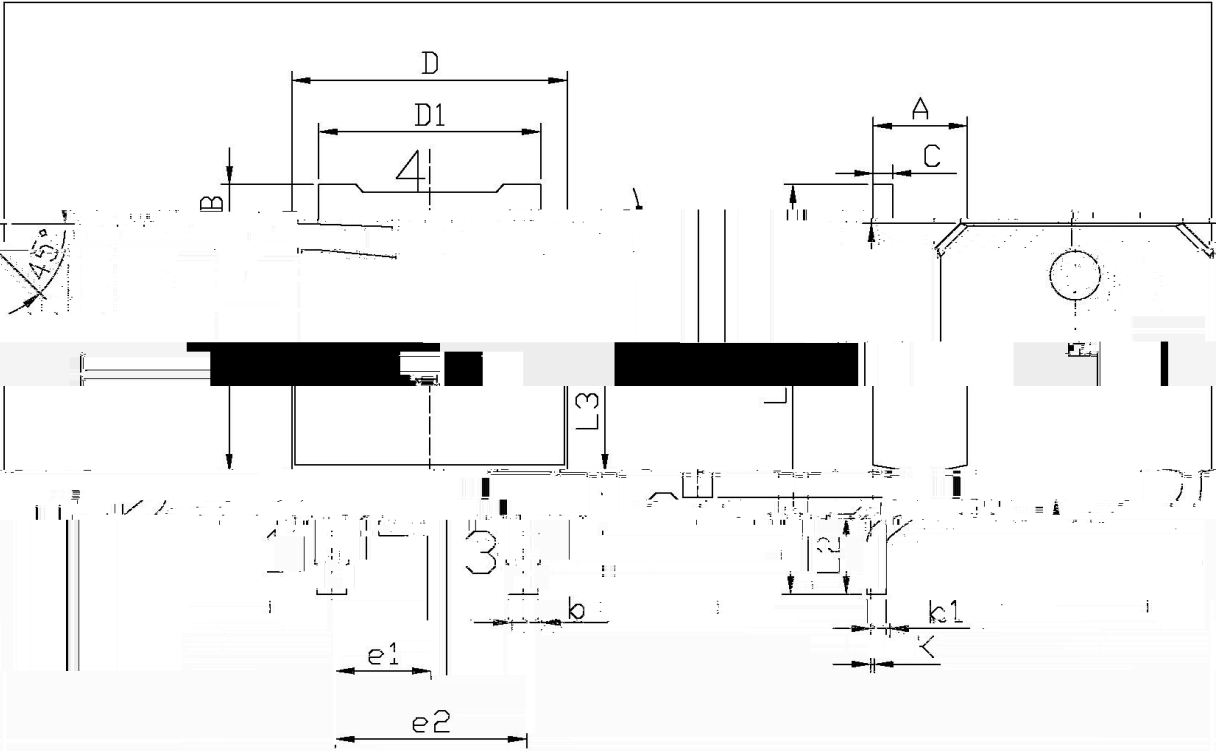
4. Drain Current vs. Gate-Source Voltage



6. Drain Current vs. Junction Temperature

5. Safe Operating Area

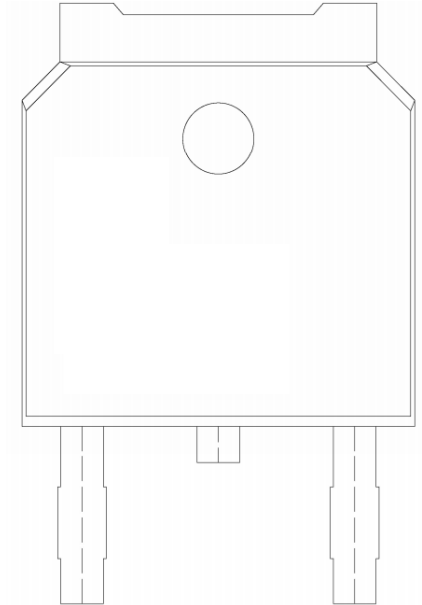
/ Package Dimensions



单位：mm

Symbol		Dimensions In Millimeters		Symbol		Dimensions In Millimeters	
D		5.95	6.25	A		2.20	2.40
D1		2.24	2.34	C		0.95	1.25
L1		0.40	0.50	L2		0.70	0.80
L2		0.45	0.55	L3		9.85	10.35
L3		0.45	0.55	L4		1.70	2.00
L4		0.45	0.55	L5		0.90	1.00
L5		0.45	0.55	L6		0.90	1.00
L6		0.45	0.55	L7		0.90	1.00
L7		0.45	0.55	L8		0.90	1.00
L8		0.45	0.55	L9		0.90	1.00
L9		0.45	0.55	L10		0.90	1.00
L10		0.45	0.55	L11		0.90	1.00
L11		0.45	0.55	L12		0.90	1.00
L12		0.45	0.55	L13		0.90	1.00
L13		0.45	0.55	L14		0.90	1.00
L14		0.45	0.55	L15		0.90	1.00
L15		0.45	0.55	L16		0.90	1.00
L16		0.45	0.55	L17		0.90	1.00
L17		0.45	0.55	L18		0.90	1.00
L18		0.45	0.55	L19		0.90	1.00
L19		0.45	0.55	L20		0.90	1.00
L20		0.45	0.55	L21		0.90	1.00
L21		0.45	0.55	L22		0.90	1.00
L22		0.45	0.55	L23		0.90	1.00
L23		0.45	0.55	L24		0.90	1.00
L24		0.45	0.55	L25		0.90	1.00
L25		0.45	0.55	L26		0.90	1.00
L26		0.45	0.55	L27		0.90	1.00
L27		0.45	0.55	L28		0.90	1.00
L28		0.45	0.55	L29		0.90	1.00
L29		0.45	0.55	L30		0.90	1.00
L30		0.45	0.55	L31		0.90	1.00
L31		0.45	0.55	L32		0.90	1.00
L32		0.45	0.55	L33		0.90	1.00
L33		0.45	0.55	L34		0.90	1.00
L34		0.45	0.55	L35		0.90	1.00
L35		0.45	0.55	L36		0.90	1.00
L36		0.45	0.55	L37		0.90	1.00
L37		0.45	0.55	L38		0.90	1.00
L38		0.45	0.55	L39		0.90	1.00
L39		0.45	0.55	L40		0.90	1.00
L40		0.45	0.55	L41		0.90	1.00
L41		0.45	0.55	L42		0.90	1.00
L42		0.45	0.55	L43		0.90	1.00
L43		0.45	0.55	L44		0.90	1.00
L44		0.45	0.55	L45		0.90	1.00
L45		0.45	0.55	L46		0.90	1.00
L46		0.45	0.55	L47		0.90	1.00
L47		0.45	0.55	L48		0.90	1.00
L48		0.45	0.55	L49		0.90	1.00
L49		0.45	0.55	L50		0.90	1.00
L50		0.45	0.55	L51		0.90	1.00
L51		0.45	0.55	L52		0.90	1.00
L52		0.45	0.55	L53		0.90	1.00
L53		0.45	0.55	L54		0.90	1.00
L54		0.45	0.55	L55		0.90	1.00
L55		0.45	0.55	L56		0.90	1.00
L56		0.45	0.55	L57		0.90	1.00
L57		0.45	0.55	L58		0.90	1.00
L58		0.45	0.55	L59		0.90	1.00
L59		0.45	0.55	L60		0.90	1.00
L60		0.45	0.55	L61		0.90	1.00
L61		0.45	0.55	L62		0.90	1.00
L62		0.45	0.55	L63		0.90	1.00
L63		0.45	0.55	L64		0.90	1.00
L64		0.45	0.55	L65		0.90	1.00
L65		0.45	0.55	L66		0.90	1.00
L66		0.45	0.55	L67		0.90	1.00
L67		0.45	0.55	L68		0.90	1.00
L68		0.45	0.55	L69		0.90	1.00
L69		0.45	0.55	L70		0.90	1.00
L70		0.45	0.55	L71		0.90	1.00
L71		0.45	0.55	L72		0.90	1.00
L72		0.45	0.55	L73		0.90	1.00
L73		0.45	0.55	L74		0.90	1.00
L74		0.45	0.55	L75		0.90	1.00
L75		0.45	0.55	L76		0.90	1.00
L76		0.45	0.55	L77		0.90	1.00
L77		0.45	0.55	L78		0.90	1.00
L78		0.45	0.55	L79		0.90	1.00
L79		0.45	0.55	L80		0.90	1.00
L80		0.45	0.55	L81		0.90	1.00
L81		0.45	0.55	L82		0.90	1.00
L82		0.45	0.55	L83		0.90	1.00
L83		0.45	0.55	L84		0.90	1.00
L84		0.45	0.55	L85		0.90	1.00
L85		0.45	0.55	L86		0.90	1.00
L86		0.45	0.55	L87		0.90	1.00
L87		0.45	0.55	L88		0.90	1.00
L88		0.45	0.55	L89		0.90	1.00
L89		0.45	0.55	L90		0.90	1.00
L90		0.45	0.55	L91		0.90	1.00
L91		0.45	0.55	L92		0.90	1.00
L92		0.45	0.55	L93		0.90	1.00
L93		0.45	0.55	L94		0.90	1.00
L94		0.45	0.55	L95		0.90	1.00
L95		0.45	0.55	L96		0.90	1.00
L96		0.45	0.55	L97		0.90	1.00
L97		0.45	0.55	L98		0.90	1.00
L98		0.45	0.55	L99		0.90	1.00
L99		0.45	0.55	L100		0.90	1.00
L100		0.45	0.55	L101		0.90	1.00
L101		0.45	0.55	L102		0.90	1.00
L102		0.45	0.55	L103		0.90	1.00
L103		0.45	0.55	L104		0.90	1.00
L104		0.45	0.55	L105		0.90	1.00
L105		0.45	0.55	L106		0.90	1.00
L106		0.45	0.55	L107		0.90	1.00
L107		0.45	0.55	L108		0.90	1.00
L108		0.45	0.55	L109		0.90	1.00
L109		0.45	0.55	L110		0.90	1.00
L110		0.45	0.55	L111		0.90	1.00
L111		0.45	0.55	L112		0.90	1.00
L112		0.45	0.55	L113		0.90	1.00
L113		0.45	0.55	L114		0.90	1.00
L114		0.45	0.55	L115		0.90	1.00
L115		0.45	0.55	L116		0.90	1.00
L116		0.45	0.55	L117		0.90	1.00
L117		0.45	0.55	L118		0.90	1.00
L118		0.45	0.55	L119		0.90	1.00
L119		0.45	0.55	L120		0.90	1.00
L120		0.45	0.55	L121		0.90	1.00
L121		0.45	0.55	L122		0.90	1.00
L122		0.45	0.55	L123		0.90	1.00
L123		0.45	0.55	L124		0.90	1.00
L124		0.45	0.55	L125		0.90	1.00
L125		0.45	0.55	L126		0.90	1.00
L126		0.45	0.55	L127		0.90	1.00

/ Marking Instructions



4N50F

() / Temperature Profile for IR Reflow Soldering(Pb-Free)

± ± ± ±



±

